

KEVIN LAPEYRE

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YEAR 3, BACHELORS OF COMPUTER SCIENCE (BCS)

<https://github.com/klapeyre>

<u>Programming</u>	<u>Web</u>	<u>Tools/Environment</u>
Java*	HTML*	Intellij
Racket/Scheme	CSS*	Dr. Racket
	Javascript*	NodeJS*

*Currently learning

Personal Projects

- Term Project – Mind the Gap Mar 2016-present
 - Mapping of London Underground subway system
 - Tested use of Java knowledge learned during term, and learning use of Android emulators
- Project Euler/Advent of Code Jan 2016-present
 - Side work projects to work on coding/programming/functional design
 - Solving increasingly difficult mathematical problems that require programming knowledge
 - Some examples include finding sums of even numbers in a Fibonacci Sequence or the largest prime factor of a given number
- Rubik's Cube Solve Program Jan 2016-present
 - Collaborative project to design a program that solves a given Rubik's cube
 - Use of Racket programming language
 - Provided necessary knowledge in terms of algorithms required to solve a cube. This simplified the current approach using generative recursion.

Work Experience

- Office Manager - Khatsahlano Medical Clinic Oct 2008-present
 - Designed and implemented efficient invoicing/AR tracking system
 - Managed teams of 6-10 employees, training, periodic reviews
 - Designed/managed schedules for physicians/staff across 3 clinics
- Person In Charge – Safeway Aug 2007-Sep 2008
 - Promoted to Assistant Manager after 1 month (previously in Gas Bar for 18 months)
 - Managed floor team and rest of store on weekends

Volunteer Experience

- Vancouver General Hospital Aug 2013-Feb 2015
 - Emergency Department Volunteer
 - Wayfinding for visitors, patient flow assistance in ER
 - Demonstrated professional and empathy towards patients/visitors
- Rockdoc Aug 2013-present
 - Medical Volunteer for Events (Occupational First Aid Level 2)
 - Promoted to Operations Team after one year

- *Helped manage events at Pemberton Valley Music Festival 2014 and Ironman Whistler Canada 2014*

Education

- University of British Columbia *2008-2011; 2015-present*
 - *Bachelors of Computer Science Program (BCS)*
 - *Bachelors of Science in Molecular Biochemistry*
- Kwantlen Polytechnic University *2006-2008*
 - *Associates Degree in Science*

Activities/Interests

- Recreational Summer Softball League (Urban Rec)